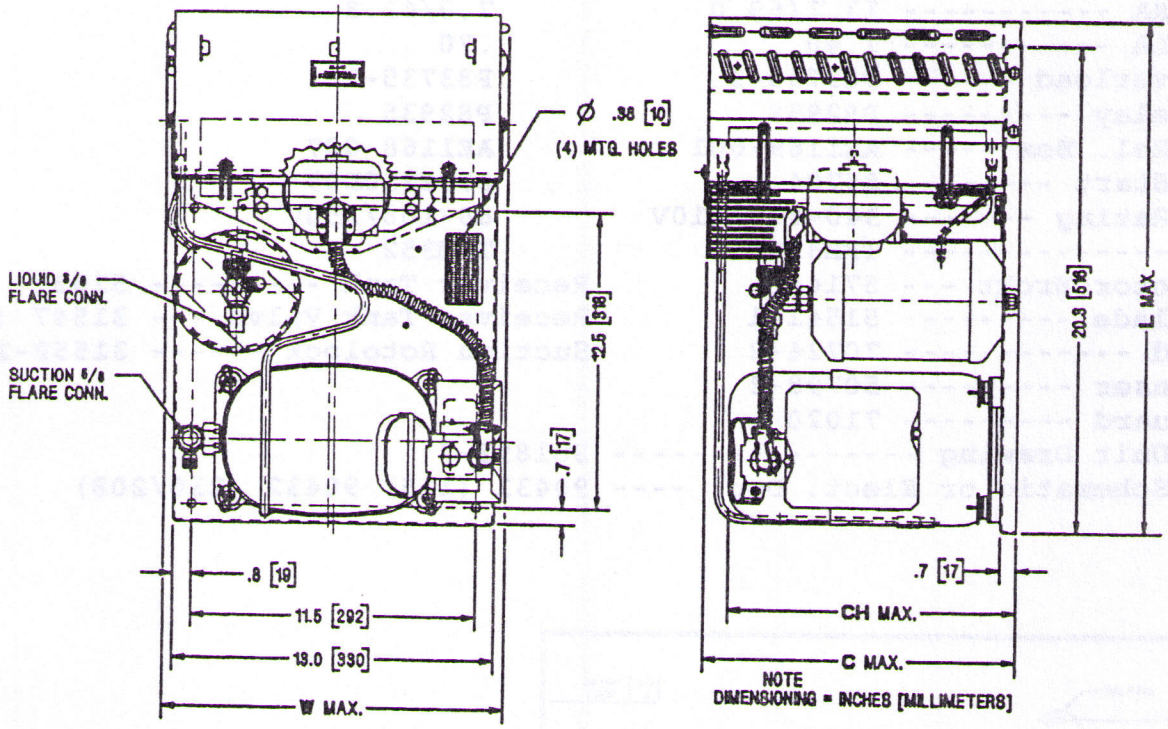
TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

MODEL AJA4492AX*XC (Formerly AJ4492AC) R-12 3/4 HP AIR COOLED



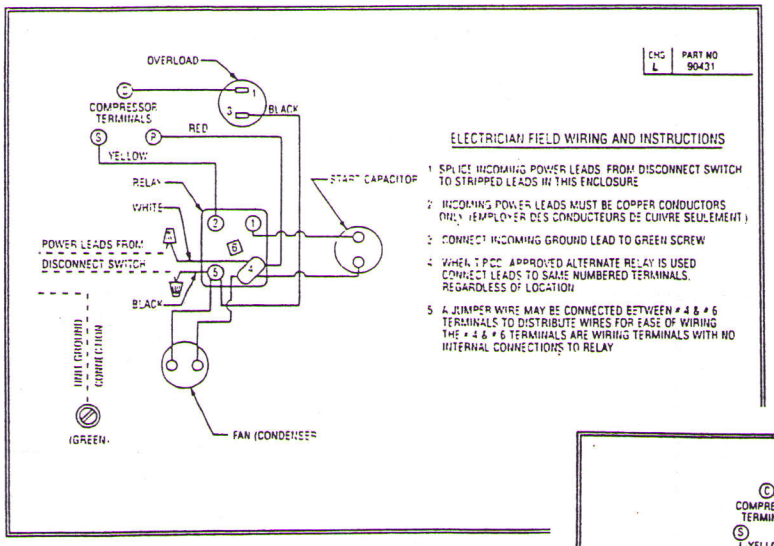
Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AJA4492AX*XC	21.5	14.0	12.9	11.6	5/8 F	3/8 F	7.6#	800	22	98

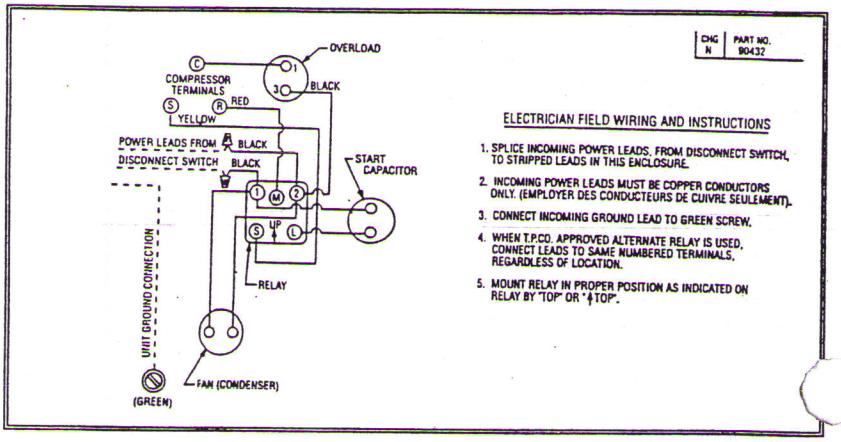
*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections C= Compression Fitting
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** **60 HZ Performance**

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
+20	21.0	5800	1020	145	5450	1050	160	5100	1070	178
25	24.6	6380	1085	148	6000	1120	163	5650	1145	182
30	28.5	6950	1150	151	6550	1190	169	6200	1220	186
40	37.0	8200	1290	160	7800	1330	178	7400	1380	198
45	41.7	8800	1360	164	8400	1400	182	8000	1460	203
50	46.7	9500	1430	168	9050	1480	189	8600	1540	210

Date: 4-1-97

SPECIFICATIONS	AJA4492AXAXC	AJA4492AXDXC
Nominal Voltage	115-60-1	230/208-60-1
Unit B/M	2A750-9	2A757-9
Voltage Range	126.5 to 103.5	253 to 187
Min. Circuit Ampacity	18.5	9.5
Max. Fuse Size (Amps)	30	15
Compressor Model	AJA4492AXA	AJA4492AXD
Bill of Material	AJ100AT-193	AJ100GT-193
RLA/LRA	13.7/69.0	7.0/41.8
Fan RLA	1.40	.70
ESP Overload	P83735-1	P83735-1
ESP Relay	P82958	P82935
Int. Rel. Box	AE1169-001	AE1168-007
Cap. Start	85704	85PS250D09
Rating	340-408/110V	88-108/250V
Fan Motor	TFM351	TFM352
Fan Motor Brckt	57144	
Fan Blade	51541-1	
Shroud	70724-2	
Condenser	50798-2	
Fan Guard	71020	
Receiver Tank		51081
Receiver Tank Valve		31547 (3/8"F)
Suction Rotolock		31552-1 (5/8"F)
Unit Drawing		SU1893-7
Schematic or Elect. Dwg.		90431 (115) 90432 (230/208)


CHG L | PART NO 90431
OVERLOAD
COMPRESSOR TERMINALS
C
S
R
YELLOW
RED
BLACK
RELAY
WHITE
START CAPACITOR
POWER LEADS FROM DISCONNECT SWITCH
BLACK
UNIT GROUND CONNECTION
(GREEN)
FAN (CONDENSER)
ELECTRICIAN FIELD WIRING AND INSTRUCTIONS
1 SPLICE INCOMING POWER LEADS FROM DISCONNECT SWITCH TO STRIPPED LEADS IN THIS ENCLOSURE
2 INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.)
3 CONNECT INCOMING GROUND LEAD TO GREEN SCREW
4 WHEN T.P.C.O. APPROVED ALTERNATE RELAY IS USED CONNECT LEADS TO SAME NUMBERED TERMINALS, REGARDLESS OF LOCATION
5 A JUMPER WIRE MAY BE CONNECTED BETWEEN # 4 & # 6 TERMINALS TO DISTRIBUTE WIRES FOR EASE OF WIRING THE # 4 & # 6 TERMINALS ARE WIRING TERMINALS WITH NO INTERNAL CONNECTIONS TO RELAY


CHG N | PART NO. 90432
OVERLOAD
COMPRESSOR TERMINALS
C
S
R
YELLOW
RED
BLACK
POWER LEADS FROM DISCONNECT SWITCH
BLACK
START CAPACITOR
M
UP
L
RELAY
UNIT GROUND CONNECTION
(GREEN)
FAN (CONDENSER)
ELECTRICIAN FIELD WIRING AND INSTRUCTIONS
1. SPLICE INCOMING POWER LEADS, FROM DISCONNECT SWITCH, TO STRIPPED LEADS IN THIS ENCLOSURE.
2. INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT).
3. CONNECT INCOMING GROUND LEAD TO GREEN SCREW.
4. WHEN T.P.C.O. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS, REGARDLESS OF LOCATION.
5. MOUNT RELAY IN PROPER POSITION AS INDICATED ON RELAY BY "TOP" OR "↑TOP".

U.L. Listed ----------File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C